

## EAST Search History

| Ref # | Hits    | Search Query                                                                                    | DBs                                                      | Default Operator | Plurals | Time Stamp       |
|-------|---------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------|---------|------------------|
| L3    | 7       | "6633287".pn. or "6181313".pn. or "6522319".pn.                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/11/01 13:52 |
| L11   | 1576748 | plural same switch\$3 convert\$3                                                                | US-PGPUB;<br>USPAT;<br>USOCR                             | OR               | ON      | 2006/11/01 15:07 |
| L12   | 1616    | 345/76.ccls.                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR                             | OR               | ON      | 2006/11/01 15:08 |
| L13   | 2203    | 345/211-214.ccls.                                                                               | US-PGPUB;<br>USPAT;<br>USOCR                             | OR               | ON      | 2006/11/01 15:08 |
| L14   | 237     | 345/691.ccls.                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/11/01 15:08 |
| L15   | 12866   | 345/87-104.ccls.                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/11/01 15:08 |
| L16   | 15889   | L12 or L13 or L14 or L15                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/11/01 15:08 |
| L17   | 6407    | L16 and L11                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/11/01 15:08 |
| L18   | 97038   | TFT or (thin near film near transistor)                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/11/01 15:08 |
| L19   | 3270    | L17 and L18                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/11/01 15:08 |
| L20   | 112130  | regulat\$3 and (voltage same (rais\$3 or lower\$3 or increas\$3 or descreas\$3 or multiply\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/11/01 15:09 |

### EAST Search History

|     |        |                                                                                                                                                                                                 |                                                          |    |    |                  |
|-----|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| L21 | 261872 | (power with mode) or (L20)                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 15:18 |
| L22 | 609    | L21 and L19                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 15:15 |
| L25 | 204    | ((power with mode) or (regulat\$3 and<br>(voltage same (rais\$3 or lower\$3 or<br>increas\$3 or decreas\$3 or multiply\$3))))<br>same ("RGB" or (red near2 blue near2<br>green) same plural\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 15:21 |
| L26 | 592350 | LCD or (liquid adj crystal)                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 15:43 |
| L27 | 83     | L26 and L25                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 15:44 |
| L28 | 11     | ("4859832"   "5508825"   "5808286"  <br>"6084692").PN. OR ("6510995").URPN.                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR                             | OR | ON | 2006/11/01 15:49 |
| L50 | 270    | ("RGB" or red-green-blue or (red near2<br>green near2 blue)) same (power with mode)                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 15:54 |
| L51 | 64     | L50 and (L16 or "327".clas.)                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 17:47 |
| L52 | 2      | "20040080501"                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 17:47 |
| S1  | 7443   | (inductor or coil) and diode and ((feedback<br>or feed-back or (feed adj back)) near3<br>voltage)                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:36 |
| S62 | 1      | "20020175662"                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR                             | OR | ON | 2006/11/01 15:06 |

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|     |        |                                         |                                                          |    |    |                  |
|-----|--------|-----------------------------------------|----------------------------------------------------------|----|----|------------------|
| S64 | 2      | "20010007432"                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:36 |
| S65 | 286258 | ((common or "same") with substrate)     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:37 |
| S66 | 18264  | poly-silicon or (poly near silicon)     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:38 |
| S67 | 1616   | 345/76.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR                             | OR | ON | 2006/11/01 09:38 |
| S68 | 2203   | 345/211-214.ccls.                       | US-PGPUB;<br>USPAT;<br>USOCR                             | OR | ON | 2006/11/01 09:38 |
| S69 | 237    | 345/691.ccls.                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:38 |
| S70 | 12866  | 345/87-104.ccls.                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:38 |
| S71 | 15889  | S67 or S68 or S69 or S70                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:39 |
| S72 | 3018   | S71 and S65                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:40 |
| S73 | 97038  | TFT or (thin near film near transistor) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:40 |
| S74 | 2427   | S72 and S73                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:41 |

### EAST Search History

|     |        |                                                         |                                                          |    |    |                  |
|-----|--------|---------------------------------------------------------|----------------------------------------------------------|----|----|------------------|
| S75 | 144031 | voltage same (feedback or (fed near back) or feed-back) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:41 |
| S76 | 53819  | duty with control\$4                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:42 |
| S77 | 12     | S74 and S75 and S76                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:44 |
| S78 | 374    | form\$3 same S65 same S66                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:52 |
| S79 | 922662 | (power with supply)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:48 |
| S80 | 6      | S78 same S79                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:51 |
| S81 | 2      | ("2003/0160746").URPN.                                  | USPAT                                                    | OR | ON | 2006/11/01 09:52 |
| S82 | 2334   | form\$3 same S65 same S79                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 09:53 |
| S83 | 307    | S82 and ("345".clas. or "327".clas.)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 13:44 |
| S84 | 298    | nakajima-yoshiharu.in.                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 10:04 |
| S85 | 13     | S84 and S83                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/11/01 10:04 |